AMENDED CLAIMS

[received by the International Bureau on 04 July 2005 (04.07.2005); original claims 1, 2, amended, original claims 8-15, 18-25 amended and renumbered, claims 6, 7, 16, 17 cancelled]

1. A compound of formula (I)

or a pharmaceutically acceptable salt thereof, wherein:

-G₁ is a radical (II)

$$R_1$$
 R_2
 R_3
 R_3
 R_4
 R_1
 R_2
 R_3
 R_3
 R_4
 R_1
 R_2
 R_3
 R_3
 R_4
 R_1
 R_2
 R_3
 R_4
 R_4
 R_1
 R_4
 R_1
 R_4
 R_5
 R_5

wherein -R' is an electron pair or a (C1-C3)-alkyl radical; with the condition that

(i) when -R' is an electron pair, a is a N=C double bond and the fused ring

is the biradical

$$R_5$$
 R_6
 R_7

thus radical (II) is (IIa'), and

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$$R_1$$
 R_2
 R_3
 R_4
 R_5
 R_6
 R_7
 R_8
(IIa')

(ii) when -R' is a (C₁-C₃)-alkyl radical, a is a N-C single bond and the fused ring

is the triradical

thus radical (II) is (IIa");

$$R_1$$
 R_2
 R_3
 R_3
 R_4
 R_5
 R_{10}
 R_{11}
 R_{12}
 R_{12}

wherein $-R_1$ to $-R_{12}$ represent radicals, same or different, selected from the group consisting of H, (C_1-C_4) -alkyl, (C_1-C_4) -alkoxy, (C_1-C_4) -alkylamino, phenyl, F, Cl, Br, amino, hydroxy, and nitro;

and wherein -B- is a biradical selected from the group consisting of -CÓNH-,

-NR₁₃- , -O- ,-(CH₂)_nNH- , -(CH₂)_nO- , and -CO[NHCHR"CO]_mO- ; wherein -R₁₃ is selected from the group consisting of H, (C₁-C₄)-alkyl, (C₁-C₄)-alkoxy and (C₁-C₄)-alkylamino; -R" are side chains radicals, same or different, corresponding to natural aminoacids; \underline{n} is an integer from 1 to 3 and \underline{m} is an integer from 1 to 3;

-L- is a single covalent bond or a covalent linking biradical selected from the following ones;

$$-(CH2)tNR'''(CH2)sNR''''(CH2)t-$$

wherein -R" and -R"" are radicals, same or different, selected from the group consisting of H and (C_1-C_3) -alkyl; \underline{r} is an integer from 1 to 3; \underline{s} is an integer from 1 to 3; t is an integer from 1 to 3; and

-G₂ is a radical selected from a radical of formula (II), the N-radical of 1,8-naphthalimide, the C4-radical of 2-phenylquinoline, and the C9-radical of acridine.

2. The compound according to claim 1, wherein (II) is the radical (Ila').

$$R_1$$
 R_2
 R_3
 R_4
 R_5
 R_6
 R_7
 R_8
(IIa')

- 3. The compound according to claim 2, wherein -B- is selected from the group consisting of -CONH- and -NR $_{13}$.
- 4. The compound according to claim 2, wherein -B- is -CO[NHCHR"CO]_mO- .

- 5. The compound according to claim 4, wherein m = 2, the leftward -R" is a glicine side chain, and the rightward -R" is an arginine side chain.
- 6. The compound according to any of the claims 2-5 wherein -L- is a single covalent bond.
- 7. The compound according to any of the claims 2-5, wherein -L- is a covalent linking biradical selected from the following ones.

- 8. The compound according to claim 7, wherein -L- is the biradical $-(CH_2)_rNR'''(CH_2)_s$ -, -R''' is methyl, and both <u>r</u> and <u>s</u> are 3.
- 9. The compound according to claim 7, wherein -L- is the covalent linking biradical $(CH_2)_rNR'''(CH_2)_sNR''''(CH_2)_t$, both -R''' and -R''' are methyl; both <u>r</u> and <u>t</u> are 2, and <u>s</u> is 2 or 3.
- 10. The compound according to claim 1, wherein (II) is the radical (IIa").

$$R_1$$
 R_2
 R_3
 R_4
 R_5
 R_{10}
 R_{11}
 R_{12}
(IIa")

- 11. The compound according to claim 10, wherein -B- is selected from the group consisiting of -CONH- and -NR $_{13}$.
- 12. The compound according to claim 10, wherein -B- is -CO[NHCHR"CO]_mO- .

- 13. The compound according to claim 12, wherein $\underline{m} = 2$, the leftward -R" is a glicine side chain, and the rightward -R" is the arginine side chain.
- 14. The compound according to any of the claims 10-13, wherein -R' is methyl.
- 15. The compound according to claim 14, wherein -L- is a single covalent bond.
- 16. The compound according to claim 14, wherein -L- is a biradical selected from the following ones.

- 17. The compound according to claim 16, wherein -L- is the biradical $-(CH_2)_rNR'''(CH_2)_s$ -, R''' is methyl, and both r and s are 3.
- 18. The compound according to claim 16, wherein -L- is the biradical $(CH_2)_rNR"'(CH_2)_sNR""(CH_2)_t$, both -R" and -R" are methyl; both r and t are 2, and s is an integer from 2 to 3.
- 19. The compound according to claim 1, which is selected from the group consisting of:

N-[3-[[3-[(9-acridinecarbonyl)amino]propyl]methylamino]propyl]-10H-indolo[3,2-b]quinoline-11-carboxamide (la);

N,N'-(4-methyl-4-azaheptamethylene)-di-(10H-indolo[3,2-b]quinoline-11,11'-carboxamide) (lb);

N-[3-[3-[[2-(1,3-dioxo-(2,3-dihydro)-1H-benzo[de]isoquinolinyl]propyl] methylamino]propyl]-10H-indolo[3,2-b]quinoline-11-carboxamide (lc);

N-[3-[[3-[(2-phenyl-4-quinolinecarbonyl)amino]propyl]methylamino]propyl]- 10H-indolo[3,2-b]quinoline-11-carboxamide (Id);

N,N'-(3,7-dimethyl-3,7-diazanonamethylene)-di-(10H-indolo[3,2-b]quinoline-11,11'-carboxamide) (le);

N-[(9-acridinecarbonyl)-3,7,10-triaza-3,7-dimethyldecyl]-10H-indolo[3,2-b]quinoline-11-carboxamide (If);

N,N'-(3,6-dimethyl-3,6-diazaoctamethylene)-di-(10H-indolo[3,2-b]quinoline-11-11'-carboxamide (lg);

N-[(9-acridinecarbonyl)-3,6-dimethyl-3,6-diazaoctamethylene]-10H-indolo[3,2-b]quinoline-11-carboxamide (Ih);

N-[[1,3-dioxo-(2,3-dihydro)-1H-benzo[de]isoquinolyl]-3,6-dimethyl-3,6-diazaoctamethylene]-10H-indolo[3,2-b]quinoline-11-carboxamide (li);

N-[[1,3-dioxo-(2,3-dihydro)-1H-benzo[de]isoquinolyl]-3,7,10-triaza-3,7-dimethyldecyl]-10H-indolo[3,2-b]quinoline-11-carboxamide (lj);

N,N'-(4-methyl-4-azaheptamethylene)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-carboxamide) (lm);

N,N'-(4-methyl-4-azaheptamethylen)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-amine (Iq);

N,N'-(3,7-dimethyl-3,7-diazanonamethylene)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-carboxamide) (ly);

N,N'-(3,6-dimethyl-3,6-diazaoctamethylene)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-carboxamide) (lz);

(3,7-diazanonamethylene)-di-(10H-indolo[3,2-b]quinoline-11,11'-carboxamide (laa);

N,N'-(3,7-dimethyl-3,7-diazanonamethylene)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-amine (lab); and

N,N'-(3,6-dimethyl-3,6-diazaoctamethylene)-di-(5-methyl-5H-indolo[3,2-b]quinoline-11,11'-amine (lac).

20. Use of the compound as defined in any of the claims 1 to 19, for the preparation of a medicament for the treatment of cancer.

21. A pharmaceutical composition comprising a therapeutically effective amount of the compound as defined in any of the claims 1 to 19, together with appropriate amounts of pharmaceutical excipients or carriers.